

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20040184809").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/17 09:36
S2	179	miyata-hideyuki.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 09:37
S3	100	tomofuji-hiroaki.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 09:37
S4	301	onaka-hiroshi.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 09:37
S5	36	takeno-minoru.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 09:37
S6	486	S2 S3 S4 S5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 09:38
S7	34922	wavelength adj2 multiplex \$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 09:38
S8	179	S6 and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 10:13
S9	337	398/83.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 11:07
S10	574	398/83-85.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 11:07
S11	237	S10 not S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 11:07
S12	352	S10 and block\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 11:08
S13	3270913	block\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 11:09
S14	1822438	filter\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 11:09
S15	34245	S13 near2 S14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 13:41
S16	42	S10 and S15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 11:30

S17	2712	398/79-97.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 11:30
S18	2138	S17 not S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 11:30
S19	222369	add\$4 with drop\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 11:33
S20	574	398/83-85.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 13:41
S21	2712	398/79-97.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 13:41
S22	2138	S21 not S20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 13:41
S23	222369	add\$4 with drop\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 13:41
S24	529	S22 and S23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 13:41
S25	3270913	block\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 13:41
S26	1822438	filter\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 13:41
S27	34245	S25 near2 S26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 13:42
S28	25	S24 and S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 13:42
S29	29	(US-20040175179-\$ or US-20040190901-\$ or US-20040208574-\$ or US-20040208575-\$ or US-20040208576-\$ or US-20040208578-\$ or US-20040213575-\$ or US-20040218926-\$ or US-20050025488-\$ or US-20050129403-\$ or US-20040184809-\$ or US-20050175346-\$).did. or (US-5438445-\$ or US-5481399-\$ or US-5576875-\$ or US-5680235-\$ or US-5771112-\$ or US-5926300-\$ or US-5940197-\$ or US-5959749-\$ or US-6002503-\$ or US-6195186-\$ or US-	US-PGPUB; USPAT	OR	OFF	2006/05/17 14:10

		6327060-\$ or US-5778118-\$ or US-5953141-\$ or US-6525852-\$ or US-5005937-\$ or US-6590681-\$ or US-6512613-\$).did.				
S30	430	Kinoshita-Susumu.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 14:15
S31	57	S23 and S30	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 16:05
S32	33	(US-20040175179-\$ or US-20040190901-\$ or US-20040208574-\$ or US-20040208575-\$ or US-20040208576-\$ or US-20040208578-\$ or US-20040213575-\$ or US-20040218926-\$ or US-20050025488-\$ or US-20050129403-\$ or US-20040184809-\$ or US-20050175346-\$).did. or (US-5438445-\$ or US-5481399-\$ or US-5576875-\$ or US-5680235-\$ or US-5771112-\$ or US-5926300-\$ or US-5940197-\$ or US-5959749-\$ or US-6002503-\$ or US-6195186-\$ or US-6327060-\$ or US-5778118-\$ or US-5953141-\$ or US-6525852-\$ or US-5005937-\$ or US-6590681-\$ or US-6512613-\$ or US-7006282-\$ or US-6426832-\$ or US-6529314-\$ or US-6842562-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/05/17 14:40
S33	507733	tun\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 14:40
S34	20	S32 and S33	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 14:49
S35	3	"6721509".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 14:47
S36	1994656	ring\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 14:49

S37	33	(US-20040190901-\$ or US-20040208574-\$ or US-20040208575-\$ or US-20040208576-\$ or US-20040208578-\$ or US-20040213575-\$ or US-20040218926-\$ or US-20050025488-\$ or US-20050129403-\$ or US-20040184809-\$ or US-20050175346-\$).did. or (US-5438445-\$ or US-5481399-\$ or US-5576875-\$ or US-5680235-\$ or US-5771112-\$ or US-5926300-\$ or US-5940197-\$ or US-5959749-\$ or US-6002503-\$ or US-6195186-\$ or US-6327060-\$ or US-5778118-\$ or US-5953141-\$ or US-6525852-\$ or US-5005937-\$ or US-6590681-\$ or US-6512613-\$ or US-7006282-\$ or US-6426832-\$ or US-6529314-\$ or US-6842562-\$ or US-6721509-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/05/17 14:50
S38	21	S36 and S37	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/17 14:50
S39	8128	add\$4 adj2 drop\$4	EPO; DERWENT	OR	OFF	2006/05/17 16:08
S40	2132	S26 and S39	EPO; DERWENT	OR	OFF	2006/05/17 16:06
S41	246	S36 and S40	EPO; DERWENT	OR	OFF	2006/05/17 16:06
S42	1	1992-219172.NRAN.	DERWENT	OR	OFF	2006/05/17 16:06
S43	1964	add adj2 drop	EPO; DERWENT	OR	OFF	2006/05/17 16:09
S44	328	S36 and S43	EPO; DERWENT	OR	OFF	2006/05/17 16:09
S45	63	S26 and S44	EPO; DERWENT	OR	OFF	2006/05/17 16:09

S46	33	(US-20040190901-\$ or US-20040208576-\$ or US-20040218926-\$ or US-20040208575-\$ or US-20050175346-\$ or US-20050129403-\$ or US-20040184809-\$ or US-20040213575-\$ or US-20040208578-\$ or US-20050025488-\$ or US-20040208574-\$).did. or (US-6002503-\$ or US-6195186-\$ or US-5481399-\$ or US-5438445-\$ or US-6426832-\$ or US-6512613-\$ or US-6590681-\$ or US-5005937-\$ or US-7006282-\$ or US-5959749-\$ or US-5953141-\$ or US-6721509-\$ or US-5680235-\$ or US-5926300-\$ or US-6327060-\$ or US-5778118-\$ or US-5771112-\$ or US-6525852-\$ or US-5940197-\$ or US-5576875-\$ or US-6842562-\$ or US-6529314-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/06/19 10:14
S47	6	S46 and hub	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/19 10:14
S48	3	("5612805"   "5959749"   "6519059").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/19 11:02
S49	1310	wdm adj coupler	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/19 11:02
S50	54	(wdm adj coupler).ab.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/19 11:02
S51	8	("20010046348"   "5555118"   "6181467"   "6233074"   "6317239"   "6344925"   "6381384"   "6404522").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/19 11:53
S52	4	((("6525852") or ("6590681"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/19 11:53
S53	20	S46 and tun\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/20 08:30
S54	30	way-winston.in. or way-winston-\$in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/22 18:05

S55	34	(US-20040184809-\$ or US-20050175346-\$ or US-20050129403-\$ or US-20040208578-\$ or US-20050025488-\$ or US-20040208575-\$ or US-20040218926-\$ or US-20040213575-\$ or US-20040208576-\$ or US-20040208574-\$ or US-20040190901-\$).did. or (US-6721509-\$ or US-6525852-\$ or US-6327060-\$ or US-6195186-\$ or US-6002503-\$ or US-5959749-\$ or US-5953141-\$ or US-5926300-\$ or US-5771112-\$ or US-5576875-\$ or US-5481399-\$ or US-5005937-\$ or US-5940197-\$ or US-5680235-\$ or US-5438445-\$ or US-5778118-\$ or US-6590681-\$ or US-6845188-\$ or US-6512613-\$ or US-6426832-\$ or US-7006282-\$ or US-6842562-\$ or US-6529314-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/06/26 11:51
S56	557404	(aotf or dielectric or bragg or fabry)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/26 11:52
S57	16	S55 and S56	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/26 12:03
S58	24970	mems	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/26 12:03
S59	2	S55 and S58	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/26 12:03
S60	56	mems same hub	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/26 12:07
S61	2	EP-1063803-\$ .did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/26 12:08
S62	24	broberg-robot-\$ .in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/26 12:09
S63	1	S58 and S62	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/26 12:17
S64	13523	398/1-214.ocls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/26 12:17

S65	558	hub and S64	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/26 12:17
S66	35	mems and S65	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/06/26 12:17
S69	4	(( "6590681" ) or ("6426832" ) or ("5481399" ) or ("5778118" ) ).PN.	US-PGPUB; USPAT	OR	OFF	2007/01/03 20:21
S70	2	ep-1063803-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/03 17:47
S71	544470	tun\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/03 17:49
S72	2	S69 and S71	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/03 18:45
S73	2	"20030180047".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/03 18:46
S74	4	"6,414,765".pn. "6,191,854".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/27 14:57
S75	2	"20040052530".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/03 18:49
S76	2	"5,943,150".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/03 18:50
S77	2	"6,002,503".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/03 18:50
S78	36	(US-20050129403-\$ or US- 20040208575-\$ or US- 20040218926-\$ or US- 20050175346-\$ or US- 20040208576-\$ or US- 20050025488-\$ or US- 20040190901-\$ or US- 20040213575-\$ or US- 20040184809-\$ or US- 20040208578-\$ or US- 20040208574-\$ or US- 20030180047-\$ or US- 20040052530-\$).did. or (US-5438445-\$ or US- 6426832-\$ or US-6512613- \$ or US-6845188-\$ or US- 5959749-\$ or US-5778118- \$ or US-5953141-\$ or US- 5771112-\$ or US-5926300- \$ or US-6327060-\$ or US- 6195186-\$ or US-6721509- \$ or US-6529314-\$ or US-	US-PGPUB; USPAT	OR	OFF	2007/04/19 14:13

		6590681-\$ or US-7006282-\$ or US-6002503-\$ or US-5576875-\$ or US-5481399-\$ or US-5005937-\$ or US-6842562-\$ or US-5940197-\$ or US-6525852-\$ or US-5680235-\$).did.				
S79	16	S78 and laser\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/03 19:30
S80	22	S78 and tun\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/03 19:30
S81	4	((("6,590,681") or ("5,778,118") or ("6,195,186") or ("5,481,399")).PN.	US-PGPUB; USPAT	OR	OFF	2007/04/27 14:58
S82	1	("6590681").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/20 09:27
S83	1	("5481399").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/20 09:28
S84	1	("5778118").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/20 09:28
S85	1	("20040184809").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/20 09:28
S86	839	(398/83-85).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/20 12:14
S87	660	filter\$4 and S86	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/03/20 12:15
S88	37	(US-20050025488-\$ or US-20050129403-\$ or US-20040208574-\$ or US-20040213575-\$ or US-20040190901-\$ or US-20050175346-\$ or US-20040208578-\$ or US-20040184809-\$ or US-20040218926-\$ or US-20040208575-\$ or US-20040052530-\$ or US-20040208576-\$ or US-20030180047-\$).did. or (US-5771112-\$ or US-5680235-\$ or US-5576875-\$ or US-5481399-\$ or US-6327060-\$ or US-5778118-\$ or US-6002503-\$ or US-5940197-\$ or US-6525852-\$ or US-5959749-\$ or US-5926300-\$ or US-5438445-\$ or US-5953141-\$ or US-6721509-\$ or US-6195186-\$ or US-5005937-\$ or US-6845188-\$ or US-6590681-\$ or US-6512613-\$ or US-7006282-\$ or US-6426832-	US-PGPUB; USPAT	OR	OFF	2008/03/24 11:01



		\$ or US-6842562-\$ or US-6529314-\$ or US-5861967-\$).did.				
S89	21	S88 and (monitor\$4 or supervisory)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/03/24 11:01
S90	125	398/31.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/04/22 11:03
S91	272377	add\$4 with drop\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/04/22 11:04
S92	41	S90 and S91	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/04/22 11:04
S93	3	(( "6,590,681" ) or ("5,680,235" ) or ("5,778,118" ) ).PN.	US-PGPUB; USPAT	OR	OFF	2008/11/12 20:15
S94	1	("6,195,186").PN.	US-PGPUB; USPAT	OR	OFF	2008/11/12 20:51
S95	225	miyata-hideyuki.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/12 21:15
S96	115	tomofuji-hiroaki.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/12 21:15
S97	345	onaka-hiroshi.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/12 21:15
S98	36	takeno-minoru.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/12 21:15
S99	577	S95 S96 S97 S98	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/12 21:15
S100	12	(wavelength adj filter\$1). clm. and S99	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/12 21:15
S101	1	(blocking adj filter\$1).clm. and S99	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/12 21:17
S102	3	(( "6,590,681" ) or ("5,680,235" ) or ("5,778,118" ) ).PN.	US-PGPUB; USPAT	OR	OFF	2009/04/14 10:30
S103	2	S102 and (loop\$1 or ring \$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/04/14 10:30
S104	228	miyata-hideyuki.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/21 19:52
S105	118	tomofuji-hiroaki.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/21 19:52

S106	349	onaka-hiroshi.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/21 19:52
S107	36	takeno-minoru.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/21 19:52
S108	587	S104 S105 S106 S107	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/21 19:52
S109	12	(wavelength adj filter\$1). clm. and S108	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/21 19:52
S110	3	((("6,590,681") or ("5,680,235") or ("5,778,118")).PN.	US-PGPUB; USPAT	OR	OFF	2009/05/22 09:41
S111	942	398/83-85.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/22 09:41
S112	228	miyata-hideyuki.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/22 09:41
S113	118	tomofuji-hiroaki.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/22 09:41
S114	349	onaka-hiroshi.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/22 09:41
S115	36	takeno-minoru.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/22 09:41
S116	587	S112 S113 S114 S115	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/22 09:41

5/ 22/ 09 2:06:17 PM

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